

CLAIMS CLAIM:

1. (Currently Amended) ~~Centrifuge~~, A centrifuge having particularly a separator (1) with a vertical axis of rotation, and comprising having a centrifugal drum (2) a nozzle drum which is equipped with having a feeding tube (4) for material to be centrifuged, as well as with outlet nozzles (8), and an emergency off system being connected in front of the centrifugal drum (2), characterized in that, the emergency off system has including a feeding system (17) for feeding particles, particularly balls (16), into the centrifugal drum.
2. (Currently Amended) ~~Centrifuge~~ The centrifuge according to Claim 1, characterized in that wherein the particles include balls (16) have having a larger diameter than a diameter of the outlet nozzles (7).
3. (Currently Amended) ~~Centrifuge~~ The centrifuge according to Claim 1, characterized in that wherein the balls (16) have a diameter which is by at least 5% larger than a diameter of the outlet nozzles (7).
4. (Currently Amended) ~~Centrifuge~~ The centrifuge according to Claim 1 or 2, characterized in that wherein the particles, particularly balls (16), have a greater specific weight than the a liquid phase(s) phase of the material to be processed centrifuged.
5. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims Claim 1, characterized in that wherein the particles, particularly balls (16), consist of include at least one of rubber or and plastic material.
6. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims Claim 1, characterized in that wherein the particles, particularly balls (16), consist of include dried solids.
7. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims Claim 1, characterized in that wherein the feeding system has an emergency off includes a container (15) for receiving the balls (16) particles.
8. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims Claim 1, characterized in that wherein the particles, particularly balls, in the emergency off container are received in a carrier liquid.
9. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims Claim 7, characterized in that wherein the emergency off container (15) is constructed as a prestressed container.

10. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims ~~Claim 1, characterized in that~~ wherein a valve (14) is connected in front of the feeding tube (4).

11. (Currently Amended) ~~Centrifuge~~ The centrifuge according to one of the preceding claims ~~Claim 10, characterized in that~~ wherein the valve (14) is a normally open valve.

12. (Currently Amended) ~~Method of implementing an emergency off function of a centrifuge, particularly according to one of the preceding claims, characterized in that particles, particularly balls (16), which plug the outlet nozzles (7), are guided into the centrifugal drum in an emergency off case.~~ A method of implementing an emergency off system of a centrifuge, the centrifuge having a vertical axis of rotation and including a centrifugal drum having a feeding tube for material to be centrifuged, outlet nozzles and an emergency off system connected in front of the centrifugal drum, the method steps comprising:

providing an emergency off signal;

feeding the particles from a feeding system of the emergency off system into the centrifugal drum in response to the emergency off signal; and

wherein the particles plug the outlet nozzles.

13. (Currently Amended) ~~Method~~ The method according to Claim 12, characterized in that ~~wherein~~ the particles are ~~introduced~~ fed under pressure into the centrifugal drum (2).

14. (New) The method of Claim 12, wherein the particles include balls.

15. (New) The method of Claim 12, wherein the centrifugal drum includes a nozzle drum.

16. (New) The centrifuge of Claim 1, wherein the centrifugal drum includes a nozzle drum.